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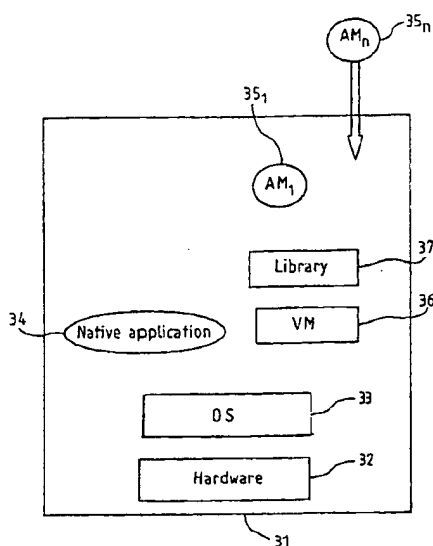
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(54) Title: **METHOD AND APPARATUS FOR DYNAMIC APPLICATION MANAGEMENT IN SUB-SEA WELL INSTALLA-  
TIONS**



(57) Abstract: A method for updating a software of a sub-sea controller (31) located under the sea level. The sub-sea controller manages a plurality of tools in a sub-sea well. An application module (35) is downloaded into the sub-sea controller. The application module is executed using a virtual machine (36) implemented within the sub-sea controller.



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